

Title IID Grantee Web Information

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| Project Name: Science Curriculum Integration | District: Alhambra Schools |
| *Project Contact Person Nan Williams | Email: snwilliams@alhambra.k12.az.us |
| **Project URL: | |

Brief Description of the grant: (No more than 2 – 3 paragraphs)

It is the overall aim of the grant to create an environment for teachers and students to use technology as a tool for cooperative, project-based and interdisciplinary work. Over the course of the project, members will learn the essentials for integrating technology into the classroom to improve student achievement. These essentials will include: cooperative learning structures, integration of technology, interpretation of data, access to research-based teaching strategies, and how to use multiple applications and hardware to complete a project.

The project goals are:

- To improve student achievement in reading and mathematics in the middle grades
- To train teachers to use data to drive instructional practices
- To train teachers to integrate technology into core curriculum
- To improve student technology literacy
- To provide tools to teach science

Description of Professional Development Activities (25% of grant is for Professional Development): Project trainers will provide project members with a comprehensive staff development program that is aligned to the Arizona Academic Standards, the National Educational Technology Standards, teacher needs, and student needs. The professional development sessions will occur in the summer prior to the starting of school, as well as six Saturday sessions throughout the year, and just-in-time training.

Project members will attend an intensive “Technology Camp” on technology hardware and software usage. Throughout the year, members will create a weekly lesson plan that incorporates a technology component. Project members will meet monthly to work on academic integration and quarterly to share student projects that were created in the classroom. Curriculum Integration Team members (CIT) will host a Math, Science, and Technology night for parents yearly to showcase student knowledge of scientific measurement, demonstrations on how to use sophisticated science equipment, and student created multimedia presentations.

Once teachers successfully complete initial training, they will be provided access to a multimedia cart, a teacher station, LCD projector, printer, wireless access point, 5 student laptops, microscope, and various scientific measurement probes. Members will use hardware and software to integrate technology into the classroom.

of Schools Impacted by Grant: 10

of Teachers Impacted by Grant: 22

Math Initiative Focus: To supplement mathematical instruction in the areas of measurement and geometry

** This should not be the fiscal person of the grant, or an administrator, but the person that will be directing the main activities of the project.*

***This is not required but if you have a website, please give us your URL.*